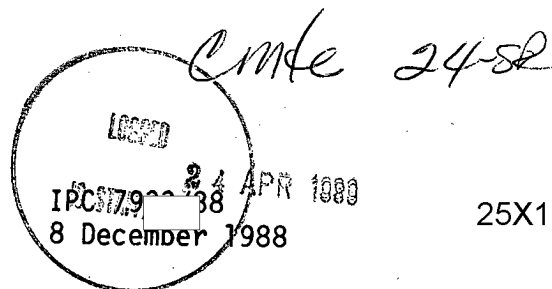


CONFIDENTIAL

DIRECTOR OF CENTRAL INTELLIGENCE
Intelligence Producers Council
Washington, D.C. 20505



25X1

MEMORANDUM FOR: Edward F. Dandar, Jr.
Deputy Director, Army Intelligence Agency

FROM: [REDACTED]
Chief, Intelligence Producers Council Staff

SUBJECT: FY 1989/90 Production Enhancement Initiatives;
Peer Review

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1. The attached proposals request funds from the DCI's Production Enhancement Initiative (PEI) program. The proposals, submitted by Community organizations, detail research and development efforts intended to improve overall intelligence analysis and production. [REDACTED]

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2. Before these proposals for PEI funding can be acted upon, a peer review is required. We request that appropriate individuals from your organization review the attached PEI proposals and provide us with your comments and recommendations. We are interested in your views as to each proposal's originality, validity of concept, adequacy of funding requested, and value to the Community. A copy of the PEI Criteria is attached to assist you. [REDACTED]

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3. The IPC Staff is planning for a mid to late January meeting. In order to address these proposals at that time, the Intelligence Producers Council Staff (IPCS) requests that you please provide your response by 23 December 1988. Lack of response will be construed as concurrence. Queries may be directed to [REDACTED] IPC Staff, [REDACTED]

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Attachments:
PEI Criteria

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IPC 7933/88

SUBJECT: FY 1989/90 Production Enhancement Initiatives;
Peer Review

Distribution:

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- 1 - ICS Registry (w/attach)

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CRITERIA FOR FUNDING PRODUCTION ENHANCEMENT INITIATIVES

Prospective proposals should be relevant to the DCI's guidance, i.e., offer new, innovative, and speculative ways to improve the quality of intelligence production by improving the analytic process. This could be in the form of the development or modification of a methodology, demonstration of an analytic concept or hypothesis, creation of a model, etc. The proposals should focus on solving analytic problems related to some of the highest DCI priorities such as narcotics, terrorism, tech transfer, political instability, etc. Automatically excluded for consideration would be proposals related to: analysts taking "area familiarization" TDYs; the buying of off-the-shelf hardware or software to augment current organizational analysis, graphics or audiovisual presentation techniques, the "technical" collection of intelligence, etc. A goal of the PEI program is to make the benefits of the projects available to the Intelligence Production Community as a whole.

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PROJECT OFFICER:



Defense Intelligence Agency
DB-7B, DIAC, Room B4-812
Washington, D.C. 20340-6687
(202) 373-3613

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SPONSOR'S COMPTROLLER:



Defense Intelligence Agency
OC, Pentagon, Room 3D330
Washington, D.C. 20340-3121
(202) 695-4446

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UNCLASSIFIED

TITLE: Digital Terrain Elevation Data and Gazetteer for FULCRUM

PEI SPONSOR: Naval Intelligence Command

FUNDING REQUIREMENTS FOR PEI - FY89 600K

OBJECTIVE: (1) To build a comprehensive gazetteer on a 5 1/4 inch CD-ROM from which the FULCRUM Video Mapping system can cross-reference place names to geographic location to display rapidly an area of interest.

(2) To place Digital Terrain Elevation Data (DTED) on 5 1/4 inch CD-ROM for use with the FULCRUM Mapping System.

PROJECT DESCRIPTION: Data for both Gazetteer and DTED currently exist at the Defense Mapping Agency (DMA) on one-half inch nine-track tapes. To use this data in the FULCRUM Mapping System, they must be converted to CD-ROM format. The DMA data have been collected over a period of several years and is in several, non-compatible formats. Data will have to be collated, reformatted and stored on 5 1/4 inch CD-ROMs. Current CD-ROM technology can store an entire world gazetteer on a single disk. Approximately 213 one degree by one degree cells of DTED data can be stored on a single CD-ROM disk.

POTENTIAL BENEFIT: (1) Reduce the time to find a location by removing the need to search charts manually to find obscure locations. Given an appropriately formatted data base, FULCRUM already has an algorithm to search a Gazetteer based on the input of all or part of a place name.

(2) FULCRUM contains numerous algorithms to process DTED data. With a DTED data base for an area one can calculate:

- a) Line of sight
- b) Radar/Radio Shadowing
- c) Radial Line of Sight
- d) Gradients for a particular area
- e) Three dimensional views of a given geographic area
- f) Height of obstructions

These data can be overlaid on analog video charts and displayed on the FULCRUM system or dumped to a plotter.

ANTICIPATED PRODUCT: One 5 1/4 inch World Gazetteer CD-ROM and ten 5 1/4 inch DTED disks compatible with the FULCRUM Mapping System format.

PROJECT OFFICER: LCDR James H. McKee, Naval Intelligence Automation Center, Washington D.C. 20389-5000, Avn 293-1390, (301) 763-1390

SPONSER'S COMPTROLLER: Robert Yoshida, Deputy Assistant Commander for Financial Management/Comptroller, Naval Intelligence Command, 4600 Silver Hill Road, Washington DC 20389-5000, (301) 763-3410

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